| Work Orde   |   | 507                               |                       | *98                  | 507*                 |       |              |              | Bi         | 53           |                  | Page                | 1             |
|---|---|-----------------------------------|-----------------------|----------------------|----------------------|-------|--------------|--------------|------------|--------------|------------------|---------------------|---------------|
| Revision ID:<br>Item Name:                                | D2010-101  Mirror Bracket 3/11/13 3/22/13 | t Start Qty: 6.00 Req'd Qty: 6.00 | *6*<br>*6*            | Accept               | *N900<br>Cust Item I |       | 100          | <b>)*</b> '  | Setup      | Star<br>Stop | I VI             | S1*<br>S2*          |               |
| Reference:  |   |                                   |                       |                      |                      |       | _            |              | Run        | Star         | t *NI            | _<br>□1*            |               |
| Approvals:  | Process Pla QC:                           | n:                                | Date: BB 12/<br>Date: | Tooling: SPC (Y/N):  |                      | ate:  |              |              |            | Stop         | ' *N             | R2*                 |               |
| Sequence ID/<br>Work Center II                            | )   | Operation Description             |                       | Set Up/<br>Run Hours | Tool ID              | Tool# | Plan<br>Code | Accep<br>Qty | t Re<br>Qt | ject<br>y    | Reject<br>Number | Insp.<br>Stamp      | <del></del>   |
| Draw Nbr  | Rev                                       | ision Nbr                         |                       |                      |                      |       |              |              |            |              |                  |                     | <del></del> - |
| D2010   | Rev                                       | D                                 |                       |                      |                      |       |              |              |            |              |                  |                     |               |
| *100<br>*100*<br>Waterjet<br>FLOW CNC Waterjet<br>2024.06 |   | Dwg Rev:_                         |                       | 0.00                 |                      |       |              | 6            |            | <u> </u>     |                  | 05<br>05<br>8       | _13·04°1      |
| 2004 4 10 CG  | <b>'</b>                                  | Prog Rev:_<br>2-Deburr if         |                       |                      |                      |       |              |              |            |              |                  |                     |               |
| *110  |   | QC2- Inspect parts off n          | nachine FAI/FAIB      | 0.00                 |                      |       |              | 6            |            |              |                  | (DAS)               | 13 04 2       |
| QC  |   | Memo                              |                       | 0.00                 |                      |       |              |              |            |              |                  | - <del>0-89</del> 7 | -             |
| Quality Control   | · · · · · · · · · · · · · · · · · · ·     |                                   |                       |                      |                      |       |              | ٠            |            |              |                  |                     | • .           |
| *120  |   | QC8- Inspect parts - sec          | ond check             | 0.00                 |                      |       |              | Ca           |            |              |                  |                     |               |
| QC<br>Quality Control                                     |   | Memo                              |                       | 0.00                 | 13/64/22             |       |              | -(46         | ァ          |              |                  |                     | _'            |

|   |      |  |                                       |      |  |      |   |     |  |  |   | DQA:   | Date   | e:    | 4                                 |
|---|------|--|---------------------------------------|------|--|------|---|-----|--|--|---|--|--|-------|-----------------------------------|
| NCR:  | ⁄es  | / No   |                                       |      |  |      | WORK ORDER NON-   | COI | NFOR   | MANCE / UP   | DATE                                    | QA Closed:   | Date   | a·    |                                   |
|   |      |  |                                       |      |  |      | DISPOSITION   |     |  |  | AGAINST D                               | EPARTMENT,   |  |       |                                   |
| Nork Orde   | er:  | -  |                                       |      |  |      |   | _   |  |  | _                                       | ,<br>¬   | _  | _     |                                   |
| Part I  | •    |  |                                       |      | ······································ |      | Rework Scrap Use-as-is Work Order Update  |     | Thern  | Skid-tube  Machining  noforming  Large Fab         | Crosstube Small Fab Finishing Composite | _  | Water Jet<br>d. Eng. Coor.<br>re/Packaging<br>Supplier |       | ering<br>uality<br>Other          |
| Root  |      |  |                                       |      | Des                                    | crip | otion of work order update  |     | nitial   | Act  | ion                                     | Sign &   |  |       |                                   |
| Cause   |      | Date   | Step                                  | Qty  |  | -    | or Non-conformance  | Ch  | ief Eng  | Descr  | ription                                 | Date   | Verification   | QC Ir | spector                           |
| oc/Data quip/Tooling perator faterial etup other rocess upplier raining napproved |      |  |                                       |      | ,                                      |      |   |     |  |  |   |  |  |       |                                   |
| парргочеи   |      |  | <u> </u>                              |      |  |      | F   | AUL | T CATE   | GORY   |   |  |  | l .   |                                   |
| Landi   | ng ( | Gear   |                                       |      |  |      | General   | _   |  |  |   |  | _  |       |                                   |
|   |      | Bending Centre No Cracks Crushed/G Cuffs Heat Trea Inspection Ripples in | Crimped<br>it<br>n Strip in<br>i Bend | Tube |  |      | Bend BOM/Route Broken/Damaged Burrs Contamination Countersink Cut Too Short Drill Holes |     | Instruct<br>Mainte<br>Mislabe<br>Misread<br>Offset | on Incomplete<br>ions Incomplete/L<br>nance<br>led | Jnclear                                 | Ovalized Over/Under Part Incorred Part Lost/Mi Part Moved Positioned V Power Loss/ | ct sissing Vrong                                       | Weld  | Forced<br>cure/Cure<br>ock Pulled |
|   | _    | Torque W   |                                       |      | n                                      |      | Drawing   | L   | 1 +  | Calibration  |   |  |  |       |                                   |
|   | 1    | Turning S  | equence                               |      | •                                      | 1    | Finish  | 1   | IOut of 9  | eguence  |   |  |  |       |                                   |

Wave/Twist in Tube

Folio

Quality Control

|              |          |                        |           |             |             |               |                      |          |                   |                  |           | DQA:          | Date:                                 | •                  |
|--------------|----------|------------------------|-----------|-------------|-------------|---------------|----------------------|----------|-------------------|------------------|-----------|---------------|---------------------------------------|--------------------|
| NCR: Y       | 'es      | / No                   |           |             |             | W             | ORK ORDER NON-       | COI      | NFOR              | MANCE / UP       | DATE      | OA Clased     | Data                                  |                    |
|              |          | <del></del>            |           |             |             | - <del></del> |                      | - 1      | <u></u>           |                  |           | QA Closed:    | Date:                                 |                    |
| Work Orde    | r:       |                        |           |             |             |               | DISPOSITION          |          |                   |                  | AGAINST D | EPARTMENT     | /PROCESS                              |                    |
|              | •        |                        |           |             |             | 1             | Rework               | 7        |                   | Skid-tube        | Crosstube |               | Water Jet                             | Engineering        |
| Part N       | lo.      |                        |           |             |             |               | Scrap                | 1        | 1                 | Machining        | Small Fab | Pro           | d. Eng. Coor.                         | Quality            |
|              |          |                        |           | -           |             |               | Use-as-is            | ]        |                   | noforming        | Finishing |               | re/Packaging                          | Other              |
| NCR N        | lo.      |                        |           | <del></del> | <del></del> |               | Work Order Update    |          |                   | Large Fab        | Composite |               | Supplier                              | J·                 |
| Root         |          |                        |           |             | Desci       | rintion       | of work order update | 1        | Initial           | Δα               | tion      | Sign &        | · · · · · · · · · · · · · · · · · · · |                    |
| Cause        |          | Date                   | Step      | Qty         | Desci       | •             | on-conformance       | 1        | nief Eng          |                  | ription   | Date          | Verification                          | QC Inspector       |
| oc/Data      |          |                        | 3356      |             |             | •             |                      | †        |                   |                  |           |               |                                       |                    |
| quip/Tooling |          |                        |           |             |             |               |                      |          |                   |                  |           |               |                                       |                    |
| perator      | ,        |                        |           |             |             |               |                      |          |                   |                  |           |               |                                       |                    |
| ⁄laterial    |          |                        |           |             |             |               |                      |          |                   |                  |           | İ             |                                       |                    |
| etup         |          |                        |           |             |             |               |                      |          |                   |                  |           |               |                                       |                    |
| Other        |          |                        |           |             |             |               |                      |          |                   |                  |           |               |                                       |                    |
| rocess       |          |                        |           |             |             |               |                      |          |                   |                  |           |               |                                       |                    |
| upplier      |          |                        | ļ.        |             |             |               |                      |          |                   |                  |           |               |                                       |                    |
| raining      |          |                        |           | 1 1         |             |               | •,                   |          |                   |                  |           |               |                                       |                    |
| Inapproved   |          |                        |           |             |             |               |                      |          |                   |                  |           |               | •                                     |                    |
|              |          |                        |           |             |             |               | <del></del>          | AUL      | T CATE            | GORY             |           |               |                                       |                    |
| Landi        |          | , <i>,</i>             |           |             |             | _             | General              | _        | 1 .               |                  | r-        | _             | <del></del>                           | <b>.</b>           |
|              |          | Bending                |           |             |             | Ben           |                      | -        | Grain             |                  |           | Ovalized      |                                       | Pressure/Forced    |
|              |          | Centre No              | ot Concer | ntric to C  | )/S  -      | -             | M/Route              | -        | Hardwa            |                  |           | Over/Under    |                                       | Temperature/Cure   |
|              |          | Cracks                 |           |             | -           | -1            | ken/Damaged          | $\vdash$ | 1 '               | on Incomplete    |           | Part Incorred |                                       | Weld               |
| ·            |          | Crushed/0              | Crimped   |             |             | Burr          |                      | -        | 4                 | ions Incomplete/ | Unclear   | Part Lost/Mi  | ssing                                 | Wrong Stock Pulled |
|              |          | Cuffs                  | i.        |             |             | <b>⊣</b>      | tamination           | -        | Mainte            |                  | <u> </u>  | Part Moved    | Managa.                               |                    |
|              | ŧ        | Heat Trea              |           | T b -       | -           |               | Intersink            | $\vdash$ | Mislabe           |                  | -         | Positioned V  |                                       | Other              |
|              | <u> </u> | Inspection             |           | ıupe        | -           |               | Too Short<br>I Holes | -        | Misread<br>Offset | I                | Ĺ         | Power Loss/   | ourge                                 | Journel            |
|              |          | Ripples in<br>Torque W |           | vtrucion    | . <b>-</b>  | -             | wing                 |          | 4                 | Calibration      |           | <del></del>   |                                       |                    |
|              | -        | Turning S              |           |             | ' <b>-</b>  | Finis         | •                    | $\vdash$ | -                 | Sequence         |           |               |                                       |                    |

Wave/Twist in Tube

Folio

H:/FORMS/Quality Assurance\approved QA/NCRWO Rev G

m123480

|              |             |             |          |                |                             |          |                     |                                       |                               | DQA:          | Date                                 | : *                       |
|--------------|-------------|-------------|----------|----------------|-----------------------------|----------|---------------------|---------------------------------------|-------------------------------|---------------|--------------------------------------|---------------------------|
| NCR: Y       | es / No     |             |          |                | WORK ORDER NON-             | COI      | 1FORM               | MANCE / UPE                           | DATE                          |               |                                      |                           |
|              |             |             |          |                |                             |          |                     | · · · · · · · · · · · · · · · · · · · |                               | QA Closed:    | Date                                 |                           |
| Work Orde    | ÷.          |             |          |                | DISPOSITION                 |          |                     |                                       | AGAINST D                     | EPARTMENT     | /PROCESS                             |                           |
| Part N       | o           |             |          |                | Rework Scrap Use-as-is      |          | Therm               | Skid-tube Machining noforming         | Crosstube Small Fab Finishing | <b>⊣</b>      | Water Jet d. Eng. Coor. re/Packaging | Engineering Quality Other |
| NCR N        | O           |             |          |                | Work Order Update           | J        |                     | Large Fab                             | Composite                     | _             | Supplier                             |                           |
| Root         |             | <u> </u>    |          | Descr          | iption of work order update |          | nitial              | Acti                                  | ion                           | Sign &        |                                      |                           |
| Cause        | Date        | Step        | Qty      |                | or Non-conformance          | Ch       | ief Eng             | Descr                                 | iption                        | Date          | Verification                         | QC Inspector              |
| oc/Data      |             |             |          |                |                             |          |                     |                                       |                               |               |                                      |                           |
| quip/Tooling | _           |             |          |                |                             | 1        |                     |                                       |                               |               |                                      |                           |
| perator      | _           |             | ļ        |                |                             |          |                     |                                       |                               |               |                                      | _                         |
| /laterial    | _           |             |          |                |                             |          |                     |                                       |                               |               | i                                    |                           |
| etup         |             |             |          |                |                             | 1        | ļ                   |                                       |                               |               |                                      |                           |
| Other        | _           |             |          |                |                             |          |                     |                                       |                               |               |                                      |                           |
| rocess       |             |             |          |                |                             |          | i                   |                                       |                               |               |                                      |                           |
| upplier      |             |             |          |                |                             |          | l                   |                                       |                               |               |                                      |                           |
| raining      | _           |             | İ        |                |                             | İ        |                     |                                       |                               |               |                                      |                           |
| Inapproved   |             | <u> </u>    |          |                |                             | <u> </u> |                     |                                       |                               |               |                                      |                           |
|              | <del></del> |             |          |                |                             | AUL      | T CATE              |                                       |                               |               |                                      |                           |
| Landin<br>F  | g Gear      |             |          |                | General                     | _        | ر<br>آرائی<br>Grain | •                                     |                               | ا ما ا        | Γ-                                   | 7,,,,,,,                  |
| -            | Bending     | _           |          |                | Bend                        | $\vdash$ |                     |                                       | <u> </u>                      | Ovalized      |                                      | Pressure/Forced           |
| }            | Centre N    | ot Conce    | ntric to | <sup>O/S</sup> | BOM/Route                   | -        | Hardwa              |                                       | <b> </b> -                    | Over/Under    | <del> </del>                         | Temperature/Cure          |
|              | Cracks      |             |          | _              | Broken/Damaged              | -        | 1                   | ion Incomplete                        |                               | Part Incorred | <del></del>                          | Weld                      |
|              | Crushed/    | Crimped     |          | <u> </u>       | Burrs                       | -        | ł                   | ions Incomplete/U                     | Inclear                       | Part Lost/Mi  | ssing                                | Wrong Stock Pulled        |
|              | Cuffs       |             |          |                | Contamination               | -        | Mainte              |                                       | -                             | Part Moved    |                                      |                           |
|              | Heat Trea   |             |          | <b>—</b>       | Countersink                 | -        | Mislabe             |                                       |                               | Positioned V  |                                      | Joseph 2. 1               |
| -            | Inspectio   |             | Tube     | <b> </b> -     | Cut Too Short               | -        | Misread             | j .                                   | L                             | Power Loss/   | Surge                                | Other                     |
| }            | Ripples ir  |             | _        | <b> </b>       | Drill Holes                 | $\vdash$ | Offset              |                                       |                               |               |                                      |                           |
| ļ.           | Torque V    |             |          | n              | Drawing                     | -        | 1                   | Calibration                           |                               |               |                                      |                           |
| ļ.           | Turning S   |             |          | <u> </u>       | Finish                      | _        | 1                   | Sequence                              |                               |               | <del></del>                          |                           |
|              | Wave/Tw     | vist in Tul | be       | ļ              | Folio                       |          | ∤Outside            | Dimensions                            |                               |               |                                      |                           |

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| Work Ord   |                          | 507   |              |            | *985                         | <del>້</del> ດ7 | 7*                        |            |              |               | Transfer over that is allowed to the | Page 4                    |
|--|--------------------------|---|--------------|------------|------------------------------|-----------------|---------------------------|------------|--------------|---------------|--------------------------------------|---------------------------|
| Item ID:<br>Revision ID:<br>Item Name:                                 | D2010-101 Mirror Bracket |   |              |            | Accept                       | *               | 1900                      | <b>040</b> | 100          | )* s          | etup Star                            | 14.21                     |
| Start Date:<br>Required Date:<br>Reference:                            | 3/11/13                  | Start Qty: 6.00<br>Req'd Qty: 6.00                  |              | *6*<br>*6* |                              |                 | Cust Item II<br>Customer: | D:         |              |               |                                      | 14.57                     |
| Approvals:   | Process Pla              | n:  | Date:        |            | Tooling: SPC (Y/N):          | 1               |                           | te:        |              | R             | kun Stai<br>Sto                      | "NR I"                    |
| Sequence ID/<br>Work Center I<br>180<br>*120*<br>QC<br>Quality Control | D                        | Operation Description QC3- Inspect Part Finish Memo |              |            | Set Up/<br>Run Hours<br>0.00 |                 | Tool ID                   | Tool #     | Plan<br>Code | Accept<br>Qty | Reject<br>Qty                        | Reject Insp. Number Stamp |
| *190<br>*100*<br>Packaging<br>Packaging                                |                          | Identify as per dwg & Stoc                          | ek Location: | <u>320</u> | 0.00                         | i.<br>:         |                           |            |              | 6x            |                                      | M.W. 13-06                |
| 200 *200* QC Quality Control   |                          | QC21- Final Inspection - V                          | Work Order I | Release    | 0.00                         | · .             |                           |            |              |               | 13                                   | 6/13/8                    |
|  |                          |   |              |            |                              |                 |                           |            |              |               | de                                   | 3.0(0(3                   |

| NCR: | Yes | / | No |
|------|-----|---|----|

DQA: \_\_\_\_Date: \_\_\_\_

| NCR: Y                                | es / N            | 0            |             |          | WORK ORDER NON-             | CON            | ifori    | MANCE / UP       | DATE       |              |               |                    |
|---------------------------------------|-------------------|--------------|-------------|----------|-----------------------------|----------------|----------|------------------|------------|--------------|---------------|--------------------|
|                                       |                   |              |             |          |                             |                |          |                  |            | QA Closed:   | Date:         | <u> </u>           |
| Work Orde                             | r:                |              |             |          | DISPOSITION                 |                |          |                  | AGAINST DE | PARTMENT     | /PROCESS      |                    |
|                                       |                   |              |             |          | Rework                      | 7 [            |          | Skid-tube        | Crosstube  | 7            | Water Jet     | Engineering        |
| Part N                                | 0.                |              |             |          | Scrap                       | ] [            | 1        | Machining        | Small Fab  | Pro          | d. Eng. Coor. | Quality            |
|                                       |                   |              |             |          | Use-as-is                   | ] [            | Thern    | noforming        | Finishing  | Rec/Sto      | re/Packaging  | Other              |
| NCR N                                 | o                 |              |             |          | Work Order Update           |                |          | Large Fab        | Composite  | _            | Supplier      | ] []               |
|                                       |                   | <del></del>  | <del></del> |          | <u> </u>                    | <del>, !</del> | *** 1    |                  | A          | C: 0         |               |                    |
| Root                                  |                   | ۱.,          |             |          | iption of work order update | 1              | nitial   |                  | tion       | Sign &       | Verification  | OC Inchestor       |
| Cause                                 | Dat               | e Step       | Qty         |          | or Non-conformance          | Chi            | ef Eng   | Desc             | ription    | Date         | verification  | QC Inspector       |
| oc/Data                               | -{                |              |             |          |                             |                |          |                  |            |              |               | ;                  |
| quip/Tooling                          |                   |              | 1           |          |                             |                |          |                  |            |              |               |                    |
| perator                               |                   |              |             |          |                             |                |          |                  |            |              |               |                    |
| /laterial                             | _                 |              |             | ŀ        |                             |                |          |                  |            |              | ı             |                    |
| etup                                  |                   | 1            | 1           |          |                             |                |          |                  |            |              |               |                    |
| other Process                         | $\dashv$          |              |             |          |                             |                |          |                  |            | 1            |               |                    |
| Supplier                              | _                 |              |             |          |                             |                |          |                  |            |              |               |                    |
| raining                               | -                 |              |             |          |                             |                |          | :                |            |              |               |                    |
| inapproved                            | -                 |              |             |          |                             | -              |          |                  |            |              |               |                    |
| ларргочес                             |                   |              |             | <u>i</u> |                             | FAUL           | T CATE   | GORY             | ········   | <u> </u>     |               |                    |
| Landin                                | g Gear            | ·            |             |          | General                     |                | -        | <u> </u>         |            |              |               |                    |
| · · · · · · · · · · · · · · · · · · · | Bendi             | ng           |             |          | Bend                        | П              | Grain    |                  |            | Ovalized     |               | Pressure/Forced    |
| Ī                                     | Centr             | Not Conce    | entric to   | o/s      | BOM/Route                   |                | Hardwa   | re               |            | Over/Under   | tolerance     | Temperature/Cure   |
| Ī                                     | Crack             | ;            |             |          | Broken/Damaged              | П              | Inspect  | ion Incomplete   |            | Part Incorre | ct            | Weld               |
| Ī                                     | Crush             | ed/Crimped   | t           | Γ        | Burrs                       |                | Instruct | ions Incomplete/ | Unclear    | Part Lost/Mi | ssing         | Wrong Stock Pulled |
|                                       | Cuffs             |              |             |          | Contamination               |                | Mainte   | enance           |            | Part Moved   |               |                    |
|                                       | Heat <sup>*</sup> | reat         |             |          | Countersink                 |                | Mislabe  | eled             |            | Positioned V | Vrong         | _                  |
|                                       | Inspe             | tion Strip i | n Tube      |          | Cut Too Short               |                | Misread  | t                |            | Power Loss/  | Surge         | Other              |
|                                       | Ripple            | s in Bend    |             |          | Drill Holes                 |                | Offset   |                  |            |              | <del></del>   |                    |
|                                       | Torqu             | e Waves in   | Extrusio    | n [      | Drawing                     |                | Out of 0 | Calibration      |            |              |               |                    |
|                                       | Turni             | ng Sequenc   | e           |          | Finish                      |                | Out of 9 | Sequence         |            | <del></del>  |               |                    |
|                                       | Wave              | /Twist in Tu | ıbe         | Γ        | Folio                       |                | Outside  | Dimensions       |            |              |               |                    |

Page 1

Work Order ID:

98507

Parent Item:

D2010-101

Parent Item Name:

Mirror Bracket

**Start Date: 3/11/13** 

Required Date: 3/22/13

Start Qty: 6.00

Required Qty: 6.00

Comments:

IPP: E02.06.25Added Rev. C1 KJ/RF

IPP Rev:F 07-08-015 Now on WaterJet Verified By:EC IPP Rev:G 08-05-27 as per ECN1195P DD verified by:EC IPP Rev:H 08-06-20 rev.D as per dwg DD verified by:EC

| Component Item ID/<br>Item Name    | Replacement Item ID | Mfg/<br>Purch | Bin<br>Item | Primary<br>Location                     | Last<br>Location  | Route<br>Seq ID                                   | Unit of<br>Measure | Qty on<br>Hand    | Qty per Kit | Total<br>Qty  | Qty<br>Issued | Date<br>Issued | Status |
|------------------------------------|---------------------|---------------|-------------|---|-------------------|---|--------------------|-------------------|-------------|---------------|---------------|----------------|--------|
| M2024T3S.063<br>2024-T3 .063 sheet |                     | Purchased     | No          |   |                   | 150   | sf                 | 156.7400          | 0.3472      | 2.192842      | 2             | 113.0          | 4.21   |
|                                    |                     |               |             | Location MAT022 1199 121 1230 1230 1231 | 197<br>096<br>654 | Loc Qty<br>156.74<br>0.2<br>21.34<br>11.4<br>12.8 |                    | oc Code           |             |               |               |                |        |
| FE-032-EF<br>Inserts               |                     | Purchased     | No          | Location<br>ST283<br>110<br>117         | 168               | 100<br>Loc Oty<br>226<br>22<br>104<br>100         |                    | 226.0000  oc Code | 4           | 24<br>22<br>2 | FF            | - 13-          | 064    |

|                          |              |              |          |                   |                             |          |                    |  |              | DQA:                          | Date          | :  |
|--------------------------|--------------|--------------|----------|-------------------|-----------------------------|----------|--------------------|--|--------------|-------------------------------|---------------|--|
| NCR: Y                   | es / No      |              |          |                   | WORK ORDER NON-             | CON      | FOR                | MANCE / UPDATE                           | ,            | DA Clasade                    | Date          |  |
| +; .                     |              |              |          | •                 | <u> </u>                    |          |                    |  |              | QA Closed:                    | Date          | <u>.                                    </u> |
| Work Orde                | r:           |              |          |                   | DISPOSITION                 |          |                    | AGAINS                                   | T DEP        | ARTMENT                       | /PROCESS      |  |
|                          |              | · · · · ·    |          |                   | Rework                      | 7 I      |                    | Skid-tube Crosstub                       | e            |                               | Water Jet     | Engineering                                  |
| Part N                   | 0.           |              |          |                   | Scrap                       | 1        | ı                  | Machining Small Fa                       | ь            | Pro                           | d. Eng. Coor. | Quality                                      |
|                          |              |              |          |                   | Use-as-is                   |          | Thern              | noforming Finishin                       | ıg 🔲         | Rec/Stor                      | re/Packaging  | Other  |
| NCR N                    | o            |              |          |                   | Work Order Update           | ]        |                    | Large Fab Composit                       | :e           |                               | Supplier      |  |
|                          |              | <del> </del> | r 1      |                   |                             |          |                    |  |              | 6: 0                          |               | 1  |
| Root                     |              |              |          |                   | iption of work order update |          | nitial             | Action                                   |              | Sign &                        | Verification  | OC Inchastor                                 |
| Cause                    | Date         | Step         | Qty      |                   | or Non-conformance          | Cni      | ef Eng             | Description                              | -            | Date                          | verification  | QC Inspector                                 |
| oc/Data                  |              |              |          |                   |                             | l        |                    |  |              |                               |               | į  |
| quip/Tooling<br>Operator |              |              |          |                   |                             |          |                    |  | -            |                               |               |  |
| Material                 | $\dashv$     |              |          |                   |                             |          |                    |  |              |                               |               |  |
| etup                     |              |              |          |                   |                             | 1        |                    |  |              |                               |               |  |
| Other                    |              |              |          |                   |                             |          |                    |  |              |                               |               |  |
| rocess                   |              |              |          |                   |                             |          |                    |  |              |                               |               |  |
| upplier                  |              | }            |          | *1<br>- *         |                             |          |                    |  |              |                               |               |  |
| raining                  |              |              |          | i                 |                             |          |                    |  |              |                               |               |  |
| Inapproved               |              |              | <u> </u> |                   |                             |          |                    |  |              |                               |               |  |
|                          |              |              |          |                   |                             | AULT     | CATE               | GORY                                     |              |                               |               |  |
| Landin                   | <del>-</del> |              |          | _                 | General                     |          |                    |  |              |                               | _             | ¬  |
| 1                        | Bending      |              |          | .  -              | Bend                        | $\vdash$ | Grain              |  | -            | Ovalized                      |               | Pressure/Forced                              |
|                          |              | Not Conce    | ntric to | <sup>O/S</sup>  - | BOM/Route                   | -        | Hardwa             |  | -            | Over/Under                    | <del>-</del>  | Temperature/Cure Weld                        |
| -                        | Cracks       | 10           |          | -                 | Broken/Damaged              | -        |                    | on Incomplete<br>ions Incomplete/Unclear | -            | Part Incorred<br>Part Lost/Mi | <b> -</b>     | Wrong Stock Pulled                           |
| ŀ                        | Cuffs        | /Crimped     |          | -                 | Burrs Contamination         | -        | instruct<br>Mainte | · · · · · · · · · · · · · · · · · · ·    | <b>⊢</b> —-1 | Part Lost/IVII<br>Part Moved  | 33111g        |  |
| ŀ                        | Heat Tre     | eat          |          | <u> </u> -        | Countersink                 |          | Mislabe            |  | - ⊢          | Positioned V                  | Vrong         |  |
| ŀ                        | <b>⊣</b>     | on Strip in  | Tube     | <u> </u>          | Cut Too Short               | $\vdash$ | Misread            |  | -            | Power Loss/                   |               | Other  |
| }                        | Ripples      | -            |          | <u> </u>          | Drill Holes                 | 1        | Offset             |  |              |                               | · L           | 1  |
|                          | <b>→</b> ``  | Waves in I   | Extrusio | n                 | Drawing                     | -        |                    | Calibration                              | _            |                               |               |  |
|                          |              | Sequence     |          |                   | Finish                      |          | Out of S           | Sequence                                 | _            |                               |               |  |

Wave/Twist in Tube

Folio

H:/FORMS/Quality Assurance\approved QA/NCRWO Rev G

| DART AEROSPACE LTD           | Work Order:  | 98307       |
|------------------------------|--------------|-------------|
| Description: Bracket         | Part Number: | D2010-101   |
| Inspection Dwg: D2010 Rev: D |              | Page 1 of 1 |

## FIRST ARTICLE INSPECTION CHECKLIST

| Drawing<br>Dimension | Tolerance        | Actual<br>Dimension | Accept | Reject      | Method of<br>Inspection | Comments |
|----------------------|------------------|---------------------|--------|-------------|-------------------------|----------|
| 6.56                 | +/-0.030         | 6.563               | V      |             | V                       | JKM.01   |
| 5.81                 | +/-0.030         | 5.81                | 1      |             | V                       |          |
| 0.38                 | +/-0.030         | 0.377               | V      |             | V                       |          |
| 0.75                 | +/-0.030         | 0.754               | V      |             | V                       |          |
| 0.38                 | +/-0.030         | 0.38                | 1      |             | V                       | -        |
| 1.375                | +/-0.010         | 1.375               | /      |             | V                       | ·        |
| Ø0.290               | +0.005<br>-0.000 | 0.790               | V      |             | V                       |          |
| 7.05                 | +/-0.030         | 7.055               | 1      |             | V                       | •        |
| Ø0.201               | +0.005<br>-0.000 | 0.201               | /      |             | V                       |          |
| 6.30                 | +/-0.030         |                     |        |             |                         | -        |
|                      |                  |                     |        |             |                         |          |
|                      |                  |                     |        | -           | **                      |          |
|                      |                  |                     |        |             |                         |          |
|                      |                  |                     |        |             |                         | -        |
|                      | ,                |                     |        |             |                         |          |
|                      |                  |                     |        | <del></del> |                         | ·        |
|                      |                  |                     |        |             |                         |          |

| Measured by: | MM       | Audited by: OAS     | Preliminary Approval: |
|--------------|----------|---------------------|-----------------------|
| Date:        | 13.04.71 | Date: 9-83 13/64/27 | Date:                 |

| Rev | Date     | Change                 | Revised by | Approved |
|-----|----------|------------------------|------------|----------|
| Α   | 03.10.06 | New Issue              | KJ/RF      |          |
| В   | 06.03.08 | Dwg rev. changed       | KJ/JLM     |          |
| С   | 08.07.22 | Dimension 5.06 removed | KJ/DD 1A   | 11       |
| D   | 11.03.17 | Dimension 7.05 revised | KJ 90      | M        |
|     |          | ·                      |            |          |



